ANGLES AND TRIANGLES, SINE LAW AND COSINE LAW - PRACTICE TEST | NEW BRUNSWICK FOUNDATIONS OF MATHEMATICS 110 · UNIT B · 5 QUESTIONS

Angles and Triangles, Sine Law and Cosine Law — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1

Three foreign banknotes side by side on a plain white surface shown from their reverse sides, American one-hundred-dollar bill with Independence Hall, fifty-euro note with a Renaissance window, twenty-pound note with a lighthouse harbour scene, buildings and bridges, no portraits, large in frame, no people. A triangle has sides 9 and 12 enclosing a 90 degree angle. The third side is



ANSWER

Understand It with Pulse

Flag a mistake

2 **A triangle has sides 10 and 10 enclosing a 60 degree angle. The third side² is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **In a triangle, a side of length 18 is opposite a 30 degree angle. The side opposite a 90 degree angle in the same triangle, by the sine law, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A triangle has sides 15 and 20 enclosing a 90 degree angle. The third side is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A triangle has sides 9 and 9 enclosing a 60 degree angle. The third side² is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 15
2. 100
3. 36
4. 25
5. 81

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